SKRIPSI

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STUDI MUTU FISIK DAN KESERAGAMAN KANDUNGAN SEDIAAN KAPSUL (ISONIAZID 200 mg) HASIL RACIKAN BEBERAPA APOTEK DI KECAMATAN GUBENG

FAKULTAS FARMASI UNIVERSITAS AIRLANGGA
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Lembar Pengesahan

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Dibuat Untuk Memenuhi Syarat Mencapai Gelar Sarjana Sains pada Fakultas Farmasi Universitas Airlangga
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ABSTRACT

One of the pharmaceutical works conducted in dispensary is to serve prescriptions in the form of dispensed capsule preparations. The dispensed capsule preparations (capsule preparation of isoniazid 200 mg) made by the dispensary should be in good quality. So, an investigation in capsule quality is considered important concerning with the quality of Physical capsule and the uniformity of its active ingredients.

In examination of the weight uniformity of the capsule contains showed that all apotek have not fulfilled the spesification of weight homogeneity of weight uniformity. In the examination of the pounding degree of bulk shows that bulk of all capsule contains have not fulfilled the specification of pounding degree of bulk. The examination of active ingredients in capsules is conducted by using spektrophotometry uv-vis with the method of 3 λ at maximum λ equals 265,6 nm. The average result of % Isoniazid active ingredients of capsules dispensed by these dispensaries have fulfilled the specification provided by Indonesian Pharmacopoeia. Most of the included dispensaries have value % KV ≥ 6 % indicating that there is no uniformity of Isoniazid active ingredients in each capsule indicated.

For this reason, a further investigation to find out the causes of why dispensed capsule preparations have not fulfilled the above specifications is considered necessary. As a result, there will be a recommended correct method to obtain the specified-dispensed capsules.

Keywords: Dispensed capsule preparation, weight homogenecity, the pounding degree, spektrophotometry uv-vis, homogenecity of active ingredients, specifications.